2023 – Research Methodology and Presentation Skills - Test 1 - 1 hr 15 min

Question 1 – Research Overview - (20%)

In your opinion, what are the main differences between "Basic Research" and "Engineering R & D"?

Question 2 – Research Proposal Development - (20%)

Explain what are (i) Null Hypothesis and (ii) Alternate Hypothesis?

Question 3 – Literature Search and Review - (20%)

Explain in your own words, what are the reasons for Literature Review?

Question 4 – Research Data and Method Selection - (20%)

For each of the case below, give an example for

    (i)   Continuous Data

    (ii)   Discrete Data

    (iii)   Nominal Data

    (iv)   Ordinal Data

Question 5 – Qualitative Methods and Mixed Methods – (20%)

What does it mean by Mixed Methos Approach? Give THREE types of Mixed Methos Arrangements.

----- End of Question Paper -----